



PTO/SB/21 (08-00)

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

| | |
|--|------------------------|
| Application Number | 10/668,247 |
| Filing Date | September 24, 2003 |
| First Named Inventor | Mitsuaki OSAME et al. |
| Group Art Unit | 2819 |
| Examiner Name | V. Tan |
| Total Number of Pages in This Submission | Attorney Docket Number |
| | 0756-7202 |

ENCLOSURES (check all that apply)

| | | |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosures 1. 2. 3. 4. 5. 6. |
| Remarks <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-2280 for the above identified docket number. | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------------|--|
| Firm or Individual name | Eric J. Robinson, Reg. No. 38,285 Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street Potomac Falls, VA 20165 |
| Signature | |
| Date | August 22, 2006 |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

| | | | |
|----------------------|--------------|------|-----------------|
| Type or printed name | Rose Fichtel | | |
| Signature | | Date | August 22, 2006 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

AUG 25 2006

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRADE FEE TRANSMITTAL
FOR FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27.**TOTAL AMOUNT OF PAYMENT** (\$ 180.00)**Complete if Known**

| | |
|----------------------|-----------------------|
| Application Number | 10/668,247 |
| Filing Date | September 24, 2003 |
| First Named Inventor | Mitsuaki OSAME et al. |
| Examiner Name | V. Tan |
| Group Art Unit | 2819 |
| Attorney Docket No. | 0756-7202 |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number
50-2280Deposit Account Name
Robinson Intellectual Property Law Office

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 and credit overpayments

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

Check Credit Card Money Order Other

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|--|-----------------------|-----------------------------|----------|
| 1001 | 300 | 2001 150 Utility filing fee | |
| 1111 | 500 | 2111 250 Search fee | |
| 1311 | 200 | 2311 275 Examination fee | |
| Over 100 Sheets/250 for each additional 50 | | | |

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| | -32** | = X \$50 | = |
| Independent Claims | .9** | = X \$200 | = |
| Multiple Dependent | | = | |

| Large Entity Fee Code | Small Entity Fee Code | Fee Description |
|-----------------------|-----------------------|--|
| 1202 | 50 | 2202 25 Claims in excess of 20 |
| 1201 | 200 | 2201 100 Independent claims in excess of 3 |
| 1203 | 360 | 2203 180 Multiple dependent claim, if not paid |
| 1204 | 200 | 2204 100 ** Reissue independent claims over original patent |
| 1205 | 50 | 2205 25 ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Fee Code | Large Entity Fee (\$) | Small Entity Fee (\$) | Fee Description | Fee Paid |
|--|-----------------------|--|-----------------|----------|
| 1051 | 130 | 2051 65 Surcharge - late filing fee or oath | | |
| 1052 | 50 | 2052 25 Surcharge - late provisional filing fee or cover sheet | | |
| 1053 | 130 | 1053 130 Non-English specification | | |
| 1812 | 2,520 | 1812 2,520 For filing a request for <i>ex parte</i> reexamination | | |
| 1804 | 920* | 1804 920* Requesting publication of SIR prior to Examiner action | | |
| 1805 | 1,840* | 1805 1,840* Requesting publication of SIR after Examiner action | | |
| 1251 | 120 | 2251 60 Extension for reply within first month | | |
| 1252 | 450 | 2252 225 Extension for reply within second month | | |
| 1253 | 1020 | 2253 510 Extension for reply within third month | | |
| 1254 | 1,590 | 2254 795 Extension for reply within fourth month | | |
| 1255 | 2,160 | 2255 1080 Extension for reply within fifth month | | |
| 1401 | 500 | 2401 250 Notice of Appeal | | |
| 1402 | 500 | 2402 250 Filing a brief in support of an appeal | | |
| 1403 | 1000 | 2403 500 Request for oral hearing | | |
| 1451 | 1,510 | 1451 1,510 Petition to institute a public use proceeding | | |
| 1452 | 500 | 2452 250- Petition to revive - unavoidable | | |
| 1453 | 1,500 | 2453 750 Petition to revive - unintentional | | |
| 1501 | 1,400 | 2501 700 Utility issue fee (or reissue) | | |
| 1502 | 800 | 2502 400 Design issue fee | | |
| 1503 | 1100 | 2503 550 Plant issue fee | | |
| 1462 | 400 | 1462 400 Petitions, Group I | | |
| 1463 | 200 | 1463 200 Petition, Group II | | |
| 1464 | 130 | 1464 130 Petitions, Group III | | |
| 1807 | 50 | 1807 50 Processing fee under 37 CR 1.17(q) | | |
| 1806 | 180 | 1806 180 Submission of Information Disclosure Stmt | | \$180.00 |
| 8021 | 40 | 8021 40 Recording each patent assignment per property (times number of properties) | | |
| 1809 | 790 | 2809 395 Filing a submission after final rejection (37 CFR § 1.129(a)) | | |
| 1810 | 790 | 2810 395 For each additional invention to be examined (37 CFR § 1.29(b)) | | |
| 1801 | 790 | 2801 395 Request for Continued Examination (RCE) | | |
| 1802 | 900 | 1802 900 Request for expedited examination of a design application | | |
| Other fee (specify) <u>Terminal Disclaimer</u> | | | | |

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 22, 2006.

Rose J. Robinson

| SUBMITTED BY | | Complete (if applicable) | | |
|-------------------|-------------------------|-----------------------------------|--------|--------------------------|
| Name (Print/Type) | Eric J. Robinson | Registration No. (Attorney/Agent) | 38,285 | Telephone (571) 434-6789 |
| Signature | <i>Rose J. Robinson</i> | | Date | August 22, 2006 |



Attorney Docket No. 0756-7202

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:) Group Art Unit: 2819
Mitsuaki OSAME et al.) Examiner: V. Tan
Serial No. 10/668,247)
Filed: September 24, 2003)
For: CLOCKED INVERTER, NAND, NOR)
AND SHIFT REGISTER)
I hereby certify that this correspondence is
being deposited with the United States Postal
Service with sufficient postage as First Class
Mail in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450, on August 22,
2006.

Oliver Dickhiss

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

Except as provided below, in accordance with 37 C.F.R. § 1.97(e), it is certified that either (1) each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement, or (2) no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign patent application and no item of information contained in the information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this information disclosure statement.

Copies of U.S. patents and U.S. publications are not enclosed in accordance with the Notice published in the Official Gazette on August 5, 2003 entitled *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published*

08/25/2006 MBIZUNES 00000105 10668247

01 FC:1806

180.00 DP

Applications in Patent Applications filed after June 30, 2003, which waives the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. publication.

U.S. Patent No. 6,181,183 is in the family of CN 1231081. This U.S. patent was not directly cited by the Chinese Patent Office, but is submitted herewith for consideration by the Examiner.

A check in the amount of \$180 is being submitted to comply with the provisions of 37 C.F.R. § 1.97(c).

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280. A duplicate copy of this sheet is attached.

Respectfully submitted,


Eric J. Robinson
Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C.
PMB 955
21010 Southbank Street
Potomac Falls, Virginia 20165
(571) 434-6789



AUG. 25 2006

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|--------------------------|------------------------|-----------|
| Substitute for form 1449/PTO | | | <i>Complete If Known</i> | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | Application Number | 10/668,247 | |
| <i>(Use as many sheets as necessary)</i> | | | Filing Date | September 24,2003 | |
| | | | First Named Inventor | Mitsuaki OSAME et al. | |
| | | | Art Unit | 2819 | |
| | | | Examiner Name | V.Tan | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 0756-7202 |

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---|--------------------------------|---|---|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | CN-1231081 | 10-06-1999 | Von Basse et al. | | Abst. |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.